

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 9083 (1979): Purchaser's data sheet for rubber lined tanks [MED 17: Chemical Engineering Plants and Related Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard



PURCHASER'S DATA SHEET FOR RUBBER LINED TANKS

1. Scope — Covers the technical data to be supplied by a purchaser while placing an enquiry or order to a supplier for the purchase of a rubber lined tank.

2. Purchaser's Data Sheet

PURCHASER'S DATA SHEET FOR RUBBER LINED TANKS

1) Tank:

- a) Whether designed specially for rubber lining (Yes/No)
- b) Dimensional details (with sketch)
- c) Details of flanges, nozzles, manholes and other openings (also, state whether lined or unlined).....
- d) Material of construction (preference if any)
- e) Preferred tank design code

2) Lining:

- a) Type of rubber [neoprene/natural/any other elastomer (specify)]
- b) Thickness of lining
- c) Hardness of rubber

3) Type of support.....

Operating Conditions

4) Branches:

- a) Number of branches
- b) Size of branches

5) Type of dished ends.....

6) Pressure/Vacuum:

- a) Normal
- b) Maximum
- c) Minimum
- d) Cycle of variation
- e) Design

7) Temperature:

- a) Normal
- b) Maximum
- c) Minimum
- d) Cycle of variation
- e) Design

8) Operation:

- a) Constant/intermittent
- b) Cycle of operation, if intermittent

9) Chemical composition of the material to be handled by the tank

10) Degree of anticipated abrasion:

- a) Soft sludge

(Continued)

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PURCHASER'S DATA SHEET FOR RUBBER LINED TANKS — Contd

b) Hard granules

c) Lumps (approximate shape and size)

d) Concentration of solids

11) Flow rate capacity

12) Velocity of flow

13) Condition of the material (wet/dry/semisolid)

14) Whether any mixing/agitating equipment to be provided in tank (Yes/No)

a) If yes, particulars of the equipment:

i) location

ii) Speed of the equipment

iii) Nature of seal

iv) Particulars of motor

v) Type of agitator

vi) Type of gasket

15) Degree of mechanical abuse, if any

16) End use of the product

17) Whether contamination or discolouration is important

18) Limits of contamination

19) Whether linings will be constantly or intermittently immersed

20) Whether lining is to be carried out at the site of tank installation

21) Lighting conditions at the site

22) Whether protection from dust and weather available at the site

23) Whether accommodation for the storage and handling of materials including inflammable solutions used for the lining work available

24) Services available:

a) Compressed air:

i) Pressure

ii) Temperature

b) Steam

c) Electric power (phase, voltage)

d) Any other

25) Erection details (ground level/high elevation)

26) Safety precautions observed

27) Inspection standard for rubber lining:

a) IS : 4682 (Part I)-1968

b) Any other standard

Remarks

28) Any other special requirements

EXPLANATORY NOTE

The information given by a purchaser according to this data sheet will enable a supplier to assess the exact requirements of the purchaser and take adequate safety measures for rubberlining work.